

Release notes for ENDF/B Development dec-094_Pu_239
evaluation

ENDF
B-VII.dev

May 3, 2017

- checkr Errors:

1. STYPE out of order
MAT=3559, MF= 8, MT=457 (0): STYPE goof

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ERROR(S) FOUND IN MAT=3559, MF= 8, MT=457
  STYPE  5.0 OUT OF ORDER                      SEQUENCE NUMBER  603

```

- fizcon Warnings:

1. Too many discrete spectra for FIZCON to handle
MAT=3559, MF= 8, MT=457 (1): Too much

```

ERROR(S) FOUND IN MAT=3559, MF= 8, MT=457
  TOO MANY DISCRETE SPECTRA FOR CODE TO PROCESS  SEQUENCE NUMBER  605
  TOO MANY DISCRETE SPECTRA FOR CODE TO PROCESS  SEQUENCE NUMBER  2365

```

- fizcon Errors:

1. Energies released in decay not adding up!
MAT=3559, MF= 8, MT=457 (2): Bad energy sum

```

ERROR(S) FOUND IN MAT=3559, MF= 8, MT=457
  PARTICLE ENERGY (AE) SUMUP FAILURE
    WHOLE= 5.23713E+06  SUM= 5.15092E+06          SEQUENCE NUMBER  3

```

2. Energies released in decay not adding up!
MAT=3559, MF= 8, MT=457 (3): Bad energy sum

```

ERROR(S) FOUND IN MAT=3559, MF= 8, MT=457
  ALPHA AVERAGE ENERGY SUMUP FAILURE
    WHOLE= 5.15092E+06  SUM= 5.23863E+06

```

3. Energies released in decay not adding up!
MAT=3559, MF= 8, MT=457 (4): Bad energy sum

```

ERROR(S) FOUND IN MAT=3559, MF= 8, MT=457
  NEUTRON MULTIPLICITY SUMUP FAILURE
    WHOLE= 0.00000E+00  SUM= 1.00000E+00

```

4. Energies released in decay not adding up!
MAT=3559, MF= 8, MT=457 (5): Bad energy sum

```

ERROR(S) FOUND IN MAT=3559, MF= 8, MT=457
  NEUTRON AVERAGE ENERGY SUMUP FAILURE
    WHOLE= 1.38787E-05  SUM= 5.49621E-04

```